

Title (en)
STEERING COLUMN FOR A MOTOR VEHICLE

Title (de)
LENKSÄULE FÜR EIN KRAFTFAHRZEUG

Title (fr)
COLONNE DE DIRECTION POUR VÉHICULE AUTOMOBILE

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Application
EP 17712998 A 20170323

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Abstract (en)
[origin: WO2017167632A1] The invention relates to a steering column (1) for a motor vehicle, comprising a casing unit (2) having an end on the steering mechanism side and an end on the steering wheel side, wherein the casing unit (2) has an outer casing tube (23) in which an inner casing tube (21) is arranged in a telescopic manner, and in which a steering spindle is rotatably mounted about a longitudinal axis (22), wherein the steering spindle (3) has a hollow shaft (31), at least in some sections, in which a steering shaft (23) is arranged in a telescopic manner, and the steering spindle (3) is rotatably mounted in a rear bearing (25) in the end section of the casing unit (2) on the steering wheel side. In order to achieve higher functional safety in the event of a crash, according to the invention, between the end of the casing unit (2) on the steering mechanism side and the rear bearing (25), a safety element (7, 8) is arranged between the casing unit (2) and the steering spindle (3), leaving a peripheral radial safety margin between casing unit (2) and steering spindle (3), which safety margin is smaller than the radial spacing between casing unit (2) and steering spindle (3) outside the safety element (7, 8) between the end of the casing unit (2) on the steering mechanism side and the rear bearing side (25).

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